



## HINGED METAL SLAT CONVEYORS



### DESCRIPTION

The FAMA **slat conveyor** is a device designed to move swarf from one point to another.

The conveyor system consists of a channel in sturdy metalwork inside of which there are a series of hinged slats. The extension of the slat distributor depends on the requirements to be met.

The conveyor can also be equipped with a liquid collection tank, complete with transfer pump.

### SUPPLY

- Load conveyor in sturdy metalwork
- Slats with the built-in chains
- Sliding guides, chain tensioner, shafts and pinions
- Adequately powered geared motor
- Overload safety device
- Electrical components

### OPTIONAL

- Integrated cooling lubricant collection tank complete with booster pump and level sensor, to be installed when handling wet swarf

### DIMENSIONS

Custom

### WEIGHT

Custom

### POWER

Custom

### VOLTAGE

230/400 V

### LOADING

Continuous

### SWARF CHARACTERISTICS & TECHNICAL NOTES

- The swarf can be short or long
- The swarf can be dry or soaked in coolant oil. In this case, an oil collection tank (optional) must be associated with the conveyor.

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Uffici e Produzione/Offices and production site: Via Moraro, 19 - 36030 Montecchio Precalcino (VI) Italy- Tel.+39 0445 363950 fax +39 0445 386068

Sede Legale/ Registered office: Via S. Antonio,11- 36030 Fara Vicentino (VI) Italy C.F./P.I.: IT 02290490248 Cap. Soc. € 100.000,00 R.E.A. VI 220095

[www.famaproject.com](http://www.famaproject.com) e-mail [info@famaproject.com](mailto:info@famaproject.com)

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### HOURLY PRODUCTION

Q = 0.8 m <sup>3</sup> /h	BASS	STEEL	ALUMINIUM	STAINLESS STEEL	COPPER	CAST IRON
density [kg/dm <sup>3</sup> ]	1,5	1,3	0,8	1,1	1	1,4

To be sized according to needs

Each conveyor is sized according to the customer's requirements. The quantity of swarf transported also depends on the height to be reached and therefore on the inclination of the conveyor, but also on density and shape of the material to be transported.



### RECOVERED OIL COLLECTION TANK (OPTIONAL)

- It is a small tank to store the recovered oil. The tank is divided into two parts. In the first half the recovered oil flows and settles, then overflows into the second half where the washing pump and the oil relaunch pump are placed.
- On the bottom of the tank there are pipes for complete emptying of the tank, connected, with ball check valve.

### USE OF THE SHUTTER CONVEYOR

The shutter conveyor can have multiple applications:

- Loading of the shredder or centrifuge
- Collection tank loading
- It is suitable for integration into swarf treatment units

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[www.famaproject.com](http://www.famaproject.com) e-mail [info@famaproject.com](mailto:info@famaproject.com)